

We claim:

1. An assembly (for treating a tissue region) comprising

a catheter tube having a distal end,  
an expandable structure projecting beyond the distal  
5 end of the catheter tube and including a far end; and

~~NO~~ a distal tail projecting beyond the far end of the  
basket assembly, the distal tail including a guidewire  
lumen that accommodates passage of a guidewire (without  
threading the guidewire through the catheter tube).

2. An assembly according to claim 1

wherein the expandable structure comprises at least  
one spine; and

5 wherein the one spine includes a spine lumen that  
communicates with the guidewire lumen, and an opening in  
the spine for threading the guidewire through the spine  
lumen and guidewire lumen.

3. An assembly according to claim 2  
wherein the one spine carries an electrode.

4. An assembly according to claim 1

wherein the distal tail includes a side opening  
communicating with the guidewire lumen (for threading the  
guidewire through the guidewire lumen).

5. An assembly according to claim 1

wherein the expandable structure comprises an array  
of first and second spines forming a basket assembly  
carried by the distal end of the catheter tube and an  
5 inflatable member positioned in an interior of the basket  
assembly, the inflatable member having an inflated  
condition that expands the basket assembly; and

10 wherein at least one of the spines includes a spine  
lumen that communicates with the guidewire lumen, and an  
opening in the spine for threading the guidewire through  
the spine lumen and guidewire lumen outside the  
inflatable member.

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6. An assembly according to claim 5  
wherein at least one of the spines carries an  
electrode.

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